

A1

-- If the determination in step 400 determines that the instance did not represent a logical unit other than a configuration bit 235, then the process continues in Figure 3D. In step 450, the process 300 begins a series of steps for each configuration bit 235 in the instance. In step 455, the process renumbers the configuration bit 235 as needed. --

Please replace the paragraph beginning on page 29, line 18 with the following rewritten paragraph:

A2

-- Figure 4B illustrates an exemplary configuration block order database 208. The database 208 describes the order in which the configuration blocks are included in the bitstream used to load the configuration bits into a CPLD. Each line represents a configuration block with a unique name, for example, a top level logical name. The database 208 may also contain the logical unit type. The abbreviations in this database are defined herein in connection with an exemplary list of logical unit names for various cells and their logical hierarchy, for example, 'cl' refers to cluster. --

IN THE CLAIMS

Please amend Claims 5, 6, 8, 17, and 18 as follows:

- Cl
A3
5. (Amended) The method of Claim 1 wherein said d) comprises:
determining whether there is a configuration bit at an address of said plurality of addresses in a configuration block.